Wireless Security Setup Guide

NF18ACV FAQs

Wireless Security Overview

To guard your home network against attack and prevent unauthorised access, it is very important that you follow this guide to secure your network.

Changing the wireless password

1 Connect a computer and theNF18ACV using an Ethernet cable. (A yellow Ethernet cable was provided with your NF18ACV).

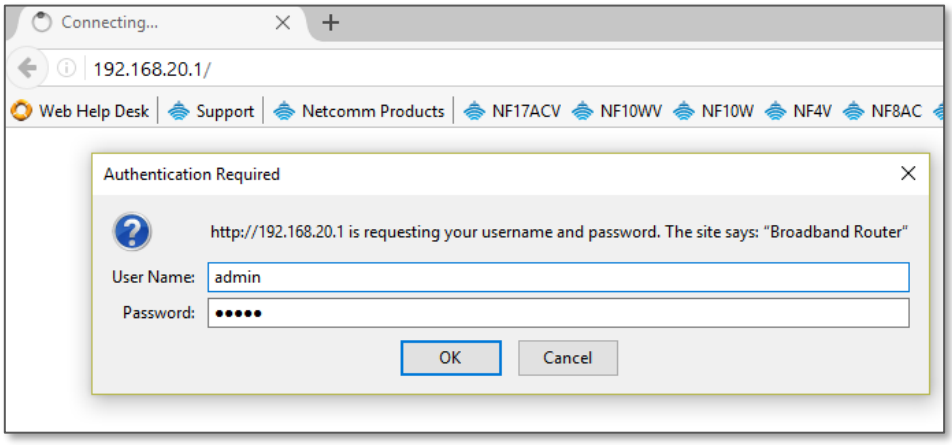
2 Open a web browser (such as Google Chrome or Mozilla Firefox), type following address into the address bar and press **Enter**.

http://192.168.20.1

3 Enter the following credentials in the **User Name** and **Password** fields:

User Name: **admin**

Password: **admin**



Login screen

Note – If no authentication prompt is displayed or you see a request time out message, refer to "What if I cannot access Web User Interface guide" from FAQs section.

Wi-Fi 2.4GHz/WiFi 5GHz

The NF18ACV allows you to maintain separate wireless settings for both **2.4GHz** and **5GHz** wireless services.

Select the service you want to use (or both) and separately configure them:

2.4 GHz Wireless configuration pages

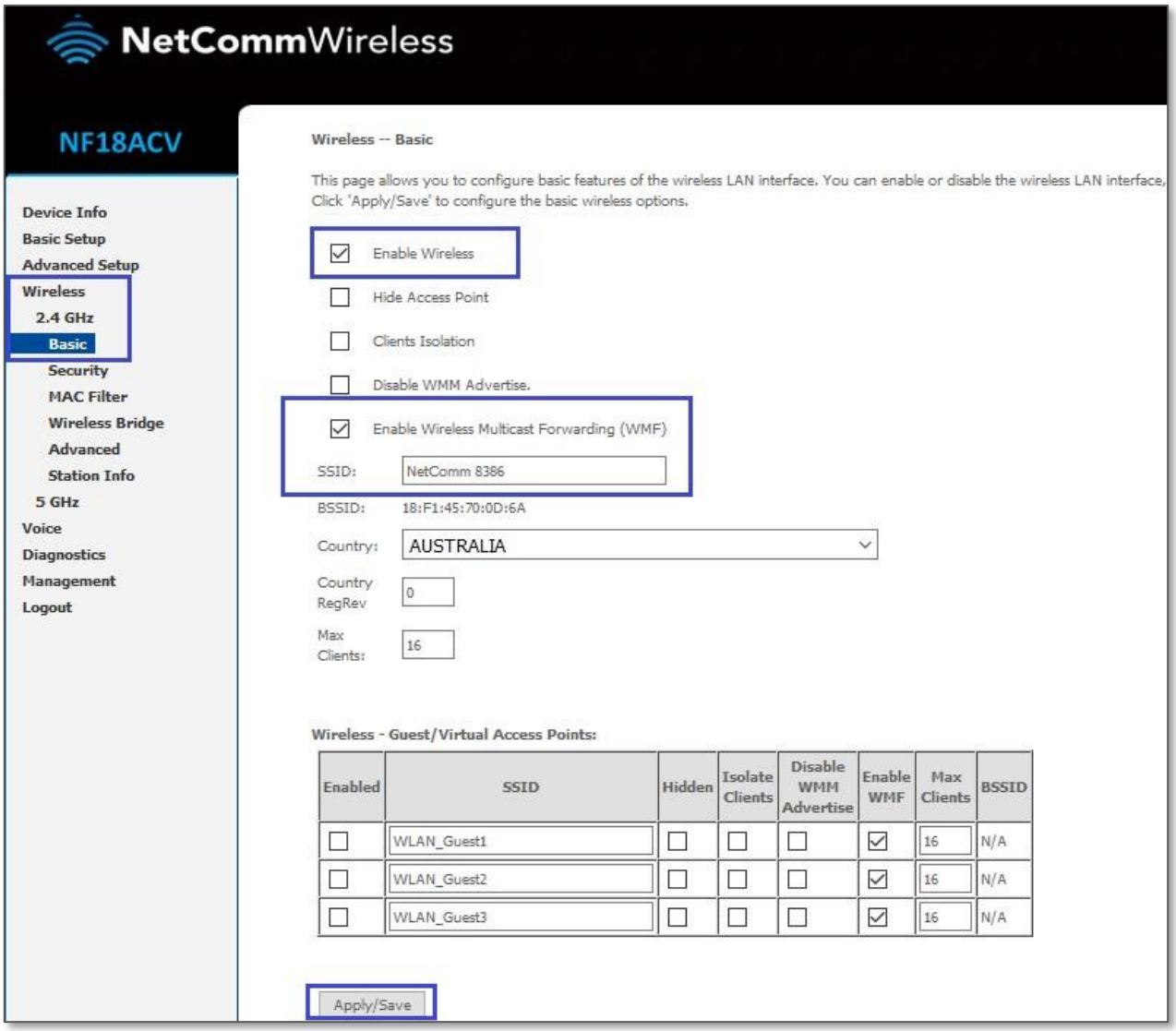
5 GHz Wireless configuration pages

- We recommend that you access the web interface over a wired connection (using Ethernet cable) to change the WiFi security key/password.
- We also recommend that you change the WiFi network name/SSID (e.g. **NetComm 8386**) before changing the WiFi security key (WiFi password).

Wireless – Basic (Change SSID)

1 Navigate to **Wireless > 2.4 GHz/5 GHz > Basic**.

2 Confirm that ☑ **Enable Wireless** and ☑ **Enable Wireless Multicast Forwarding (WMF)** are selected.



3 The old WiFi network name/SSID on this example is "**NetComm 5354**".

Delete the old WiFi network name/SSID and enter a new SSID (For example: **NetComm 8386**).

4 Press the "**Apply/Save**" button.

Wireless – Security

Selecting a wireless security type:

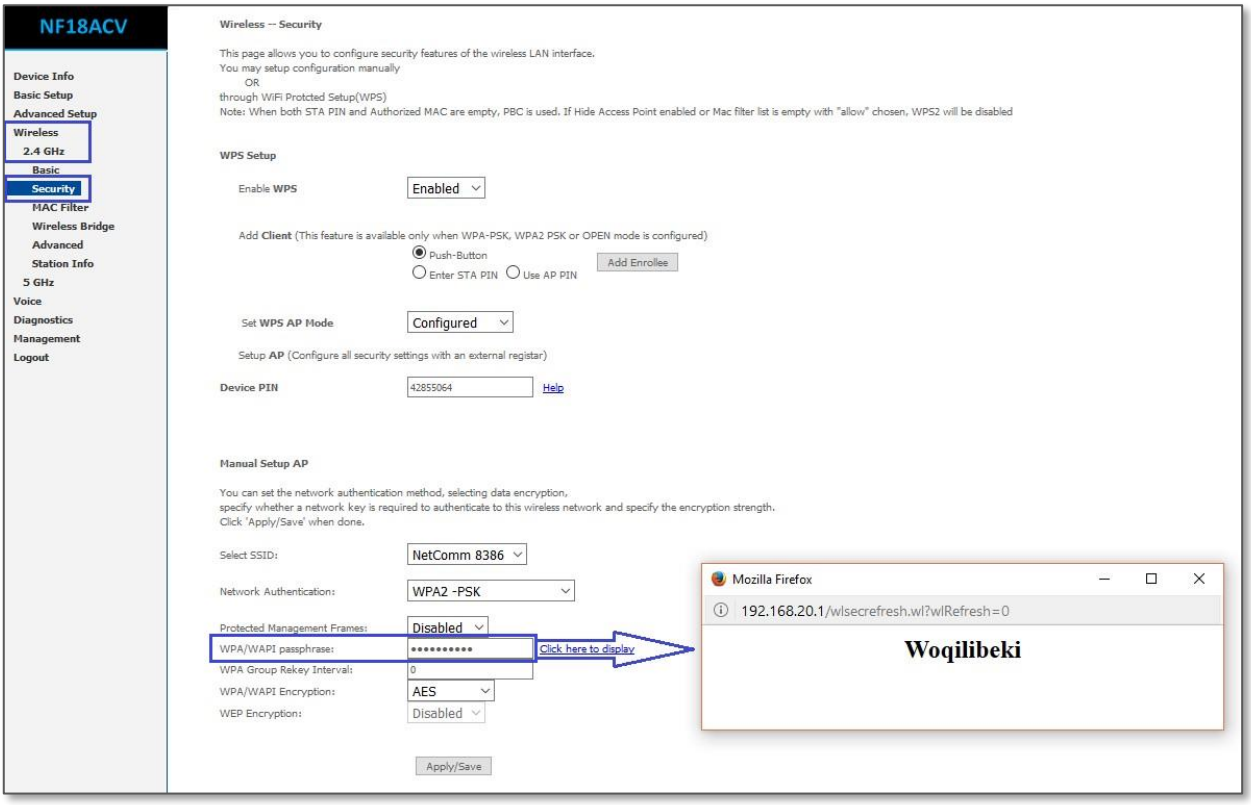
We highly recommend that you do not change the **network authentication** type. Use the default **"WPA2-PSK"** authentication because it is the most secure one. Changing it to another type such as WEP will compromise the security of the NF18ACV.

Selecting a wireless security key:

We do not recommend changing the wireless security key from the default setting. It is randomly generated, reasonably secure and unique to each unit. Your client devices will still have same password even if the NF18ACV is reset to factory default settings. If you want to change it to a more secure password, add numbers and special characters along with upper-case and lower-case characters. Generally speaking, the longer the password, the more secure it is.

To change the WiFi security key, navigate to **Wireless > 2.4GHz/5GHz > Security**.

Delete all the dots (encrypted password) in the **WPA/WAPI passphrase** text entry field. Enter a new password and click **Apply/Save**. After changing the password, click the Click here to display link next to WPA/WAPI passphrase to check the new WiFi password. A pop up window displays your new WiFi password.



Click the **Apply/Save** button.

Connecting to your Wireless Network

Use your client device to scan for the network name, select the new WiFi network name/SSID (e.g. **NetComm 8386**) and enter the new WiFi password to join the network.

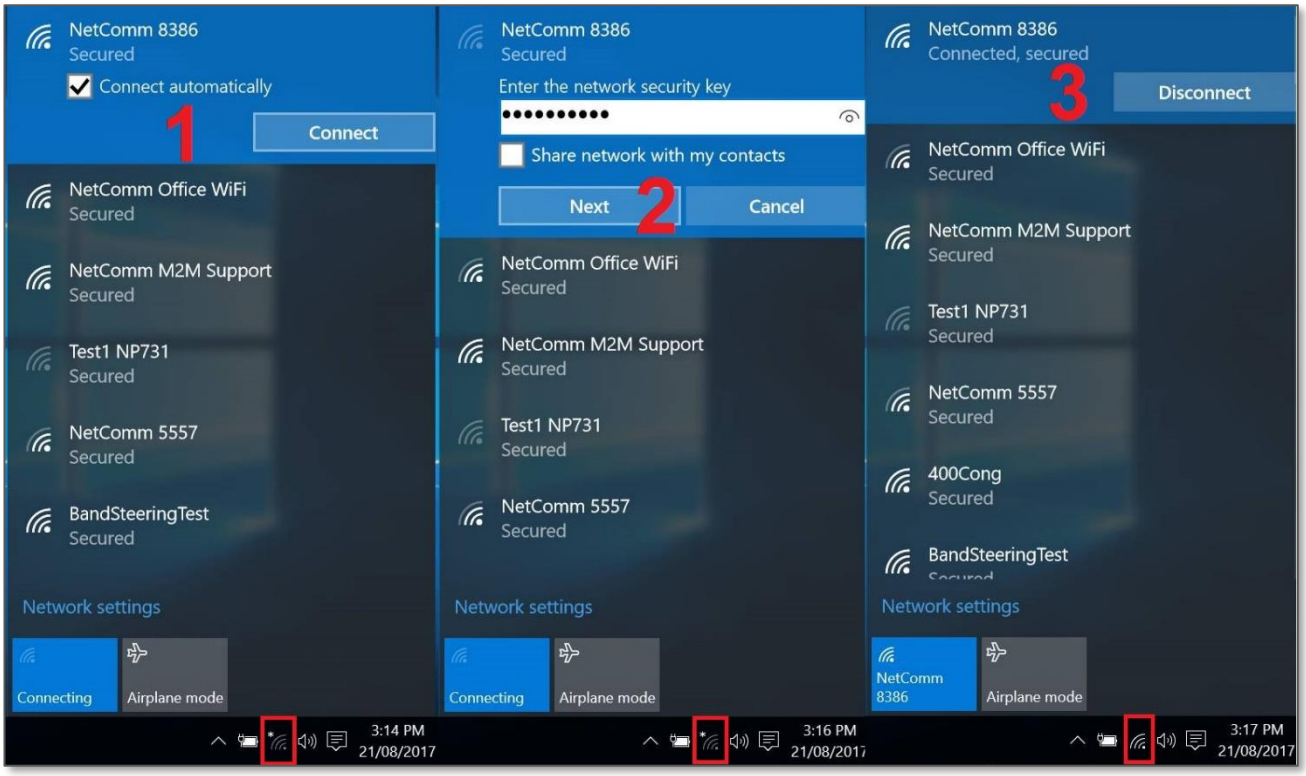
Windows 10

The following is an example of connecting to the WiFi network using Windows 10.

1 Click the wireless symbol in the bottom right corner of the device. A list of detected networks within range of your computer is displayed. Select your WiFi network name (In this example, it is “NetComm 8386”) and click **Connect**.

2 Enter the WiFi security key/password and click **Next**.

3 Your computer connects to the WiFi network.



If you are facing difficulty to connect the Wi-Fi network name, refer to “Wireless Troubleshooting Guide” from FAQs section.

Apple iPhone

The following is an example of connecting to the WiFi network using an Apple iPhone. On your iPhone, navigate to settings and tap "**Wi-Fi**".

When Wi-Fi is turned on, your phone scans for available nearby networks. Tap your WiFi network name/SSID [**1**] (in this example, it is "NetComm 8386"), enter the WiFi password [**2**] and press **Join** [**2**].

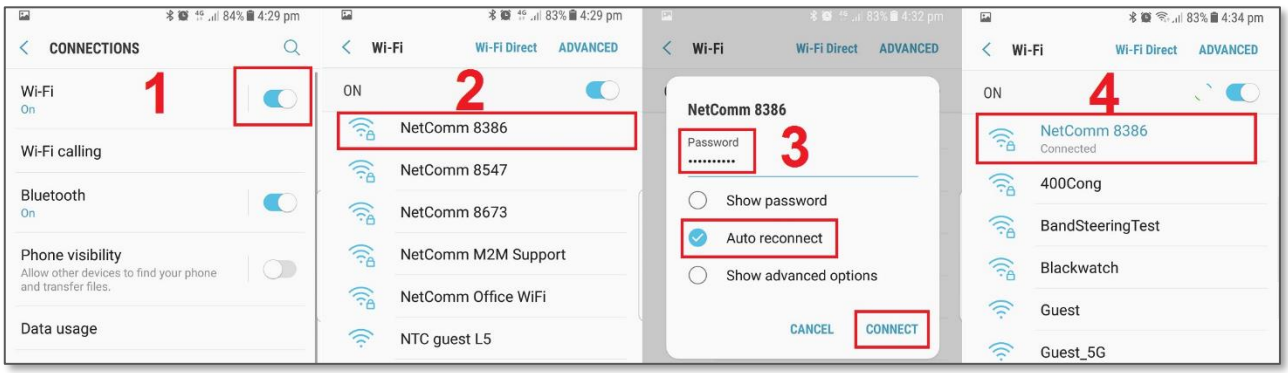
If you are facing difficulty to connect the Wi-Fi network name, refer to "Wireless Troubleshooting Guide" from FAQs section.

Android

The following is an example of connecting to the Wi-Fi network using an Android phone. On your Android Phone, navigate to **Settings > Connections** and tap **Wi-Fi**.

When **Wi-Fi** is turned On [**1**], your phone scans for available nearby networks.

Tap your WiFi network name/SSID [**2**] (in this example, it is "NetComm 8386"), enter the WiFi password [**3**], select **Auto reconnect** [**3**]and then select **Connect** [**4**].



The word **Connected** will appear under your WiFi network name/SSID [4] when the connection is successful.

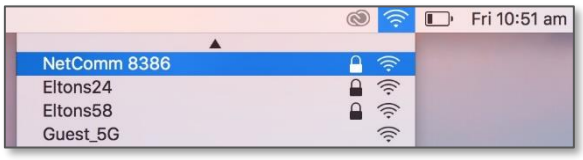
If you are facing difficulty to connect the Wi-Fi network name, refer to "Wireless Troubleshooting Guide" from FAQs section.

MacOS

1 Click on the **Airport/Wi-Fi** icon at the top right corner of the screen as shown below. Click Turn Wi-Fi On.

Note – If you cannot see an Airport icon, your wireless adapter may not be installed or inserted correctly. Please refer to your Mac user guide before continuing with the steps in this guide.

2 A list of Wi-Fi networks including your WiFi network name/SSID is displayed (in this example, it is "NetComm 8386"). Click your WiFi network name/SSID to connect to this network.



3 Enter your WiFi security key/password and click **Join** to connect to the WiFi network.

If you enter an incorrect WiFi security key, a message will appear, and you will be prompted to enter the correct key again.

4 The Airport icon will now have black lines to indicate signal strength. To see if the computer is connected, click on the Airport icon again. Your WiFi network has a tick next to its name.

The wireless network configuration is complete and you can now use the Internet. You can disconnect the Ethernet cable, if you wish.